

C1 61490

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED

9 27 21

APPROVED

320'

HO-20-0115

OWNER: GILL KIRANDEEP, WELL SITE ADDRESS: 8228 HUNTERBROOK LN, TOWN: FULTON

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes handwritten entries for soft brown and hard gray rock.

GROUTING RECORD section with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (24), and NO. OF POUNDS (528).

CASING RECORD section with fields for MAIN CASING TYPE (ST, CO, PL, OT) and dimensions.

OTHER CASING (if used) section with fields for diameter and depth.

SCREEN RECORD section with fields for screen type (ST, BR, HO, PL, OT) and depth.

PUMPING TEST section with fields for HOURS PUMPED, PUMPING RATE, and WATER LEVEL.

PUMP INSTALLED section with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP, and CAPACITY.

WELL HYDROFRACTURED section with YES/NO options.

- CIRCLE APPROPRIATE LETTER: A (abandoned), E (electric log), P (test well converted).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04...

DRILLERS LIC. NO. MWD-304, DRILLERS SIGNATURE: David Kelly, LIC. NO. WRD 107

DEPTH (nearest ft.) table with columns for casing sections and depth measurements.

GRAVEL PACK and MDE USE ONLY sections.

LATITUDE 39.144974, LONGITUDE 76.930427, Pursuant to §10-624 of the State Govt. Article of the Maryland Code...

B 1
67842

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please type

STATE PERMIT NUMBER
Ho-20-015
fill in this form completely

1 2 3 6
Date Received (APA)
OWNER INFORMATION
8 MM DD YY 13
15 Last Name Kirandeep Gill Owner First Name 34
36 Street or RFD 6513 KELLS CT. 55
57 Town Clarksville MD 70 State 72 Zip 20759 76

B 3 LOCATION OF WELL
8 COUNTY Howard 21
23 SUBDIVISION Bruns Property 42
SECTION 44 46 LOT 2 48 50
52 NEAREST TOWN Fulton 71

DRILLER INFORMATION
Driller's Name David Kelly 76 License No. MWD 304 81
Firm Name JAMES WELL DRILLING
Address 3700 Reister Rd Jarrettsville MD 21084
Signature David Kelly Date 6/22/21

B 4 SOURCES OF DRILLING WATER
1. potable well
2. ~~...~~
3. ~~...~~
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W EAST E
SOUTH S
34 600 37
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: 0046 BLK: PARCELS: 0589

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE 0
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 0
(GAL. PER DAY) 14 20

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

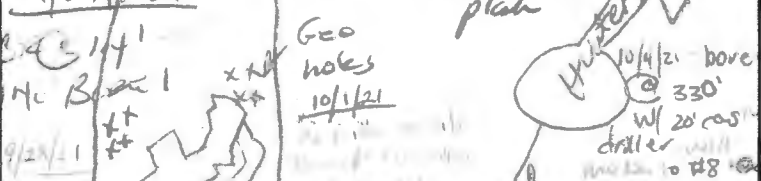
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 OPEN LOOP GEOTHERMAL
 CLOSED LOOP GEOTHERMAL 8 holes

Howard COUNTY NAME
COUNTY NO.
STATE SIGNATURE
DATE ISSUED 07/01/2021
43 MM DD YY 48 CO SIGNATURE EXP. DATE
09/23/21

APPROXIMATE DEPTH OF WELL 400 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

PROPOSED LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
37 CABLE REVERSE-ROTary DRIVE-POINT
other



REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER G
PERMIT No. Ho-20-015
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED
CALL IN ALL INSPECTIONS

9/30/21
N

B 1 6917

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

528942 please type

STATE PERMIT NUMBER

HO-95-1628

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Land Design & Development

15 Last Name Owner First Name 34

5300 Dorsey Hall Road

36 Street or RFD 55

Ellicott City MD 21043

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Michael D. Isom M S D 162

Driller's Name 76 License No. 81

G. Edgar Harr Sons' Corp.

Firm Name

12047 Falls Road, Cockeysville 21030

Address

5/6/08

Signature Date

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

5

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

750

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A523353-B

COUNTY NAME

COUNTY NO.

STATE SIGNATURE

INSERT S

DATE ISSUED

41

6/10/08

CO SIGNATURE

EXP. DATE

43 MM DD YY 48

NORTH GRID 478 000

EAST GRID 820 000

50 55

57 63

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTary DRIVE-POINT

other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G

PERMIT No. HO-95-1628

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION OF WELL

Howard

8 COUNTY 21

Bruna Property

23 SUBDIVISION 42

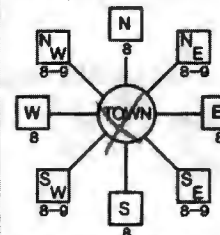
SECTION 44 46 LOT 2 48 50

Fulton

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hunterbrooke Lane

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 500 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 46 BLK: 2 PARCEL 89

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

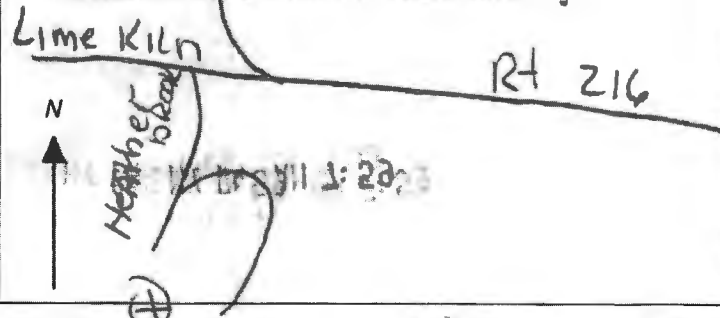
- 1. well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830

N 478

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



C1 1287 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.

1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

COUNTY
NUMBER

ST/CO USE OR
DATE RECEIVED

DATE WELL COMPLETED
08 05 2008
Depth of Well
22 240
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO - 95 - 1628

OWNER Land Design & Development
STREET OR RFD Hunterbrooke Lane TOWN Fulton
SUBDIVISION Bruns Property SECTION LOT 2

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Soil	0	10	
Brown Shale	10	32	
Gray Rock	32	240	X

water at 50' & 90'

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9 NO. OF POUNDS 908
GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 35 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE PL
Nominal diameter top (main) casing (nearest inch) 6
Total depth of main casing (nearest foot) 35

OTHER CASING (if used)

EACH CASING diameter depth (feet)
inch from to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

C 2 DEPTH (nearest ft.)

1 H2O 35 240

8	9	11	15	17	21
23	24	28	30	32	38
38	39	41	45	47	51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)
58 60
from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 88

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

70 72 74 75 78
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 17.64

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34 ft.
WHEN PUMPING 88 ft.

TYPE OF PUMP USED (for test)

A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 36

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE (nearest foot)
 - below }

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

To be provided by
Surveyor

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MSD 162

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO. ASD 066

SITE SUPERVISOR (sign. of driller or journeyman responsible for stewart if different from permittee)

Freemon, Robert

From: Freemon, Robert
Sent: Tuesday, April 18, 2023 10:08 AM
To: jeff@foglesinc.com; 'John Hieatzman'; competentb@gmail.com; ramin26@aol.com
Cc: Silvast, Zackary
Subject: 8228 Hunterbrooke Lane

Hi All,
Health received a wall check for 8228 Hunterbrooke Lane. There are a couple critical details missing from the wall check submitted. Please revised and resubmit. A physical copy does need to be dropped off at the Health Dept.

Wall Check Submitted is missing...

1. Top of wall elevation
2. Sewage disposal area
3. Alternate well sites

Well and Septic Program

Robert "Spencer" Freemon

Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

Website: <https://www.howardcountymd.gov/health/well-septic-program>



Bureau of Environmental Health
 8930 Stanford Blvd | Columbia, MD 21045
 410.313.2640 - Voice/Relay
 410.313.2648 - Fax
 1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogle's Well Pump + Water Treatment, LLC Telephone #: 410-795-1535
 Address: P.O. Box 63
 Woodbine, Maryland 21797

Must circle one: Licensed Plumber / Licensed Well Driller / Licensed Well Pump Installer
 License # and name of individual responsible for the field installation:
 Name (Print): Dave C. Fogle License# MSD226

***A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: Competent Builders Telephone #: _____
 Subdivision: Bruno's Property Lot #: 2 Well Tag #: HO-95-1628 1628
 Site Address: 4228 Hunterbrook Rd
Fulton, MD 20759

** Error in
 Paperwork
 1628 abandoned,
 1627 in use*

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Grundfos</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>1330E01-180</u>	Model#: <u>N/A</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity: <u>15</u>	GPM Depth: <u>36"</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>17</u>	GPM NSF/WSC approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>240</u> (feet)		Conduit secured to well cap: <u>yes</u>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Must circle one: Torque arrestors / Cable guards / Other acceptable method used
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing. N/A

Piping to house	House Connection
Type: <u>1" poly pipe</u>	PVC sleeve to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>200 psi</u> (160 psi min)	Length of sleeve (5' minimum from foundation): <u>6'</u>
Depth of supply line: <u>36"</u> (36" min)	Sleeve sealed properly: <u>yes</u>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

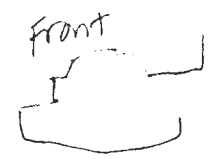
Signature of company representative responsible for installation: *Pal C. Fogle* Date: 2/27/2023

For Health Department Use Only – Not to be completed by Installer

Date Insp. Requested: 2/27/2023 Date Insp. Approved: 2/28/2023 Inspector: _____
 Inspection Data:

Pitless adapter watertight & water supply line at least 36" below grade	<u>✓</u>
Two piece cap installed and attached to casing securely	<u>✓</u>
Elec. conduit extends at least 18" below grade/attached to cap properly	<u>✓</u>
Safety rope not outside of well cap/casing	<u>✓</u>
Correct well tag attached properly and casing 8" above finished grade	<u>✓</u>
Water supply line sleeved adequately at house connection	<u>✓</u>
Adequate grout observed below pitless adapter	<u>✓</u>

(Revised form 10/24/2018)





Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

INTERIM CERTIFICATE OF POTABILITY
Expiration Date – FEBRUARY 30, 2024

August 30, 2023

Homeowner
8228 Hunterbrooke Lane
Fulton, MD 20759

**RE: Bruns Property, Lot 2
8228 Hunterbrooke Ln
Building Permit: B19004315
Well Permit: HO-95-1628**

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **8/28/2023**. Final approval of the well line connection to the dwelling was granted on **8/28/2023**. The well construction was completed on **8/5/2008**. Water samples were collected on **7/10/2023**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-95-1628. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', written in a cursive style.

Kevin M. Wolf, LEHS, R.S./REHS, Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 160109 Account #: 1933
Reference: Competent Builders Client: Fogle's Well Pump & Treatment
Location: 8228 Hunterbrooke Court Requested By: Dave Fogle
Fulton, MD 20759 Source: Well Water
Date/ Time Collected: 7/10/2023 1000 Site: Pressure Tank
Date/Time Rec'd: 7/10/2023 1142 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.7
Collected By: J. Evans 0309JE Well #: HO-95-1627

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	7/11/2023 / 0915 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	7/11/2023 / 0915 / TSD
Nitrate.	<0.40	mg/L	10	EPA 300.0	7/10/2023 / 2139 / CRS
Turbidity	<0.30	NTU	<10	SM2130B	7/11/2023 / 0905 / MEW
Sand	ND	mg/L	5	Visual/Gravimetric	7/10/2023 / 1525 / TSD

OK

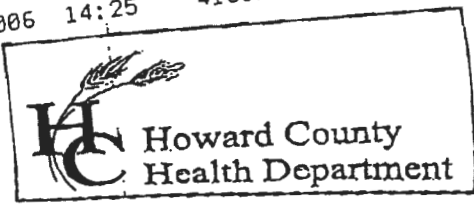
NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NTU = Nephelometric Turbidity Units
- 4 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 5 Sample exceeded recommended holding time
- 6 ND = None Detected
- 7 Visual well check: Sealed, vented cap
- 8 pH and Chlorine level tested in lab (pH tested after recommended holding time)

Reason for Test : Use & Occupancy

Date Reported: 7/11/2023

3/29/2006 14:25 4103132648



7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2640
TDD (410) 313-2323 Toll Free 1-866-313-2640
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:			
<u>Bruns Property</u>	<u>1,2+3</u>	<u>Huntebrooke Lane</u>	
Subdivision/Property Name	Lot#	Road Name	

The well site has been staked by Fisher, Collins + Carter,
(professional land surveyor or company employing professional land surveyors)
on May 6, 2008 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

HARR WELL DRILLING

12047 FALLS ROAD
COCKEYSVILLE, MD 21030
410-252-4588

HOWARD COUNTY YIELD TEST REPORT

Date Test Performed: 8-01-08
Address: Hunterbrooke Lane
Owner Name: Land Design & Dev.
Well Depth: 240 Ft

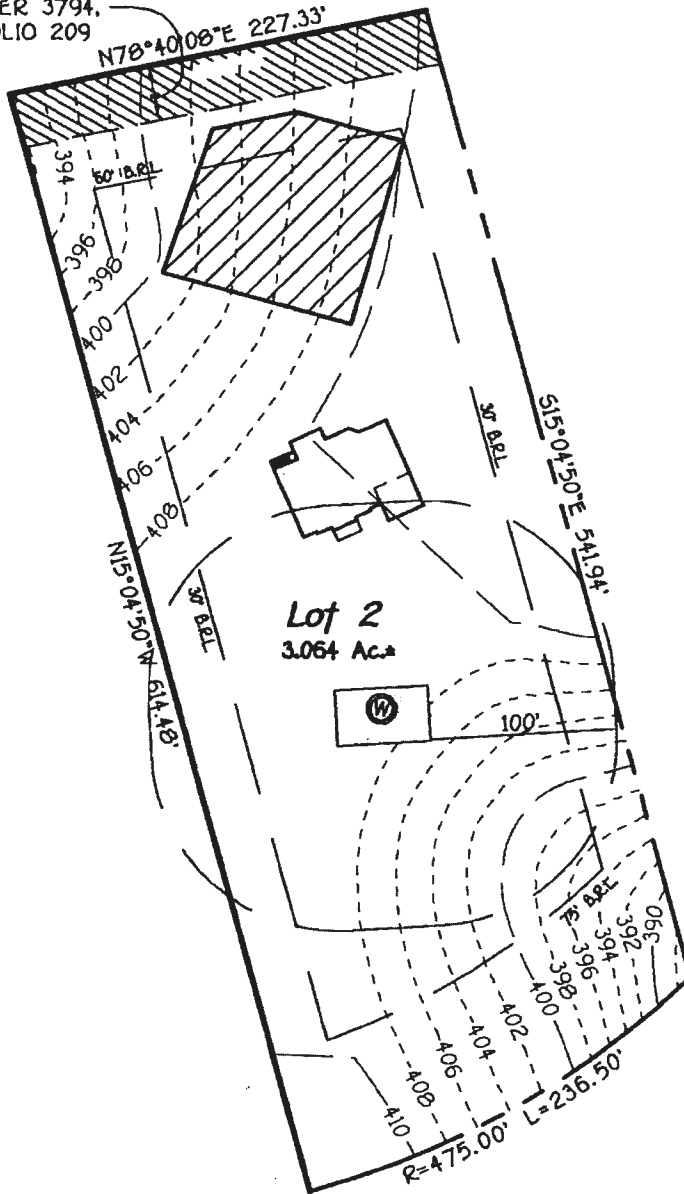
Permit Number: HO- 95-1628
Subdivision: Bruns Property L#2
Election District:
Static Water Level: 34 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 5 gallon bucket	Calculated Flow-Gallons Per Minute
1115	34 ft		17 sec	17.64
1130	52		17	17.64
1145	70		17	17.64
1200	84		17	17.64
1215	84		17	17.64
1230	84		17	17.64
1245	88		17	17.64
1300	88		17	17.64
1315	88		17	17.64
1330	88		17	17.64
1345	88		17	17.64
1400	88		17	17.64
1414	88		17	17.64

(OK)

I:\2005\051117\dwg\051117-6001 Well Exhibit Lot 2.dwg, 5/6/2008 10:25:05 AM

EXISTING 30'
PRIVATE
RIGHT OF WAY
LIBER 3794,
FOLIO 209



6/10/08
Well site OK
[Signature]

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
410 461 - 2855

EXHIBIT TO ACCOMPANY
WELL PERMIT
BRUNS PROPERTY
LOT 2
TAX MAP 46 PARCEL 089 GRID 07
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: May 6, 2008

Page, Shepsura

From: Carrie Condon <Carrie@foglesinc.com>
Sent: Wednesday, August 23, 2023 10:44 AM
To: Wolf, Kevin; Page, Shepsura; Rappaport, Ryan
Subject: FW: 8228 Hunterbrooke

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

See the attached photos showing the well tag on the well at 8228 Hunterbrooke. Andy, the well driller, put this on this morning! Let us know if you need anything else.

Carrie Condon
Fogle's Well Pump & Water Treatment, LLC
24 HR EMERGENCY SERVICE! 410-795-1535
www.fogleswellpump.com
"LIKE" us on Facebook!!

From: Carrie <ce_condon@yahoo.com>
Sent: Wednesday, August 23, 2023 10:43 AM
To: Carrie Condon <Carrie@foglesinc.com>
Subject: 8228 Hunterbrooke





Oswald, Hank

From: Oswald, Hank
Sent: Thursday, August 17, 2023 8:24 AM
To: nnor.design@gmail.com
Cc: 'competentb@gmail.com'; Martin, Sharhonda; Page, Shepsura
Subject: ICOP_8228 Hunterbrooke Lane

Hi Nilou,

Good morning. Before we can issue the ICOP letter, we need to conduct a pump & alarm test on the septic system. In addition, the well tag needs to be raised above grade 8 inches.

Please have your septic contractor contact our office to schedule the P/A test.

Thanks,

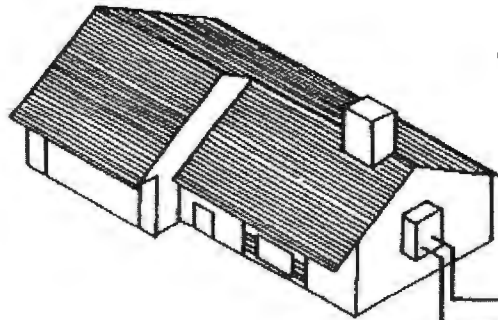
Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
(410) 313 - 1786
www.hchealth.org

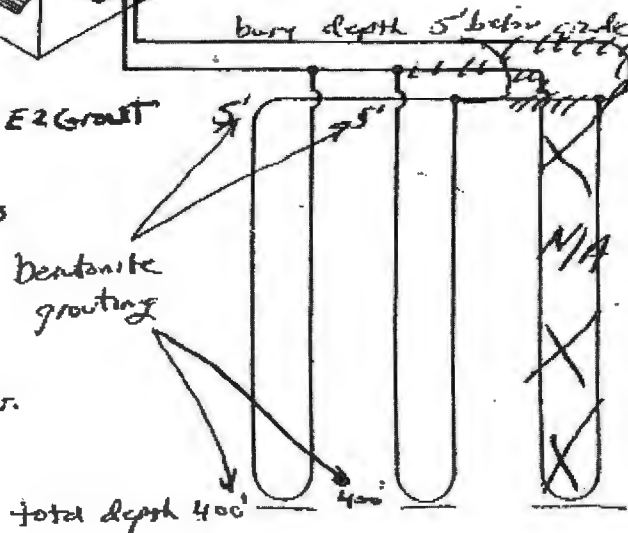
DISCLAIMER: This e-mail is intended only for the individual to whom it is addressed. It may be used only in accordance with applicable laws. If you are not the intended recipient, you are strictly prohibited from reading, disseminating, distributing, or copying this message. If you received this e-mail by mistake, please notify the sender and destroy this e-mail

Driller: Jones Well Drilling
 contact: David Kelly
 410-692-6981

Site: 2228 Hunterbrooke Lane
 Fulton Md 20759



Wyo-Ben bentonite-E2 GROUT
 grout (50 lb. bags)
 mixed with 24 gallons
 of water per
 manufacturer specs
 yields 27 gal slurry
 with a 0.42 btu/ft-hr.
 thermal conductivity



Earth Coil Type: Vertical - Single U-Bend
 Water Flow: Parallel
 Pipe Sizes: 1 1/4" double Loop
 Bore Lengths: 320' x 4 holes (1280' vertical bore)
 400' x 4 holes (1600' vertical bore)
 Pipe Lengths: 800 x 4 (1600 vertical pipe)
 320 x 4 (1280' vertical pipe)

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger

DO NOT REMOVE THIS TAG
 DEPARTMENT OF THE ENVIRONMENT
 WELL PERMIT NUMBER

HO-20-0115

INFORMATION - GIVE NUMBER AND WRITE
 1800 WASHINGTON BLVD
 BALTIMORE MARYLAND 21230

APPROVED BY [Signature]
 SUPERVISOR OF PERMITS
 8228 HUNTER [Signature]

1	50	10
2	55	20
3	60	30
4	55	40

4 geo holes

	A	B
1	44	54
2	36	49
3	26	34
4	41	39

Scale 1" = 43'

